

WHAT IS CLAIMED IS:

1. A table saw comprising:

a base for supporting on a flat surface, said base having a cutting portion, a retaining portion disposed below said cutting portion, and a fence disposed along one long side thereof, said fence having an opening corresponding to said cutting portion;

an elongated suspension arm pivoted to a bottom side of said cutting portion of said base and disposed substantially in parallel to said cutting portion for free rotation, said suspension arm having a coupling portion adapted for fastening to the retaining portion of said base, and two mounting seats at two distal ends thereof, said mounting seats each having a mounting hole and a first positioning unit below the mounting hole;

two adjustment members respectively mounted on the mounting seats of said suspension arm, said adjustment members each having a second positioning unit adapted for coupling to the first positioning unit of said mounting seat of said suspension arm for enabling said adjustment member to be secured to the mounting seat of said suspension arm, and a through hole transversely extended through two opposite sides thereof above the second positioning unit, through which a screw bolt is inserted and fastened to the mounting hole of the corresponding mounting seat of said suspension arm;

four support rods arranged in two sets and respectively fastened to said adjustment members;

two saw racks respectively sleeved onto said support rods; and

an arch saw movably installed in said saw racks for reciprocating motion between said saw racks within a distance.

2. The table saw as defined in claim 1, wherein the first positioning unit of each mounting seat of said suspension arm comprises a vertical center locating slot and a plurality of tilted side locating slots disposed at two sides of said vertical center locating slot, said vertical center locating slot and said tilted side locating slots having an imaginary common center of circle, said tilted side locating slots defining with said vertical center locating slot a respective contained angle.

3. The table saw as defined in claim 2, wherein said second positioning unit of each of said adjustment members is a locating rib adapted for engaging into one of the vertical center locating slot and side locating slots of the corresponding mounting seat.

4. The table saw as defined in claim 2, wherein the mounting hole of each mounting seat of said suspension arm is an arched elongated mounting hole.

5. The table saw as defined in claim 4, wherein the center of circle of the arched mounting hole of each mounting seat of said suspension arm is the imaginary center of circle of the vertical center locating slot and tilted side locating slots of the respective mounting seat.

6. The table saw as defined in claim 2, wherein each mounting seat of said suspension arm has an arched fender at a bottom side, said arched fender having a center of circle identical to said imaginary center of circle.

7. The table saw as defined in claim 6, wherein said adjustment members each comprise a smoothly arched bottom face fitting the arched fender of the corresponding mounting seat of said suspension arm.

8. The table saw as claimed in claim 1, wherein said adjustment members each comprises tow top plug holes adapted for receiving said support rods, and two screw holes respectively perpendicularly extended from said top plug holes to one side thereof for the mounting of two tightening up screws to fix the respective support rods in said plug holes.